



## The impacts of climate change on human health

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### Abstract:

This paper addresses a number of factors relating to climate change and human health. Following an introduction outlining the overarching issues, a short summary is given on climatic change and its anthropogenic causes. The rest of the paper then focuses on the direct and indirect impacts of climatic change on health. Direct effects comprise changes in hygrothermal stress response of humans, atmospheric pollution, water quality and availability. Indirect effects include the potential for the spread of "vector-borne diseases" outside their current range. The paper concludes with some comments on possible response strategies aimed at alleviating the adverse effects of climatic change on human health.

**Source:** <http://www.hydroweb.com/journal-hydrology-2008-paper-5.html>

### Resource Description

#### Exposure :

weather or climate related pathway by which climate change affects health

Air Pollution, Ecosystem Changes, Extreme Weather Event, Food/Water Quality, Food/Water Security, Food/Water Security, Human Conflict/Displacement, Meteorological Factors, Precipitation, Sea Level Rise, Temperature, Unspecified Exposure

**Air Pollution:** Interaction with Temperature, Ozone

**Extreme Weather Event:** Drought, Flooding, Hurricanes/Cyclones

**Food/Water Security:** Food Access/Distribution, Nutritional Quality

**Temperature:** Extreme Cold, Extreme Heat, Fluctuations

#### Geographic Feature:

resource focuses on specific type of geography

None or Unspecified

#### Geographic Location:

resource focuses on specific location

Global or Unspecified

#### Health Impact:



specification of health effect or disease related to climate change exposure

Cardiovascular Effect, Developmental Effect, Infectious Disease, Mental Health/Stress, Morbidity/Mortality, Respiratory Effect

**Developmental Effect:** Cognitive/Neurological

**Infectious Disease:** General Infectious Disease, Vectorborne Disease

**Foodborne/Waterborne Disease:** Other Diarrheal Disease

**Vectorborne Disease:** Mosquito-borne Disease

**Mosquito-borne Disease:** Dengue, Malaria, Viral Encephalitis, West Nile Virus

**Mental Health Effect/Stress:** Other Mental Disorder

**Mitigation/Adaptation:**

mitigation or adaptation strategy is a focus of resource

Adaptation

**Resource Type:**

format or standard characteristic of resource

Review

**Timescale:**

time period studied

Time Scale Unspecified